

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008248.D
 Acq On : 14 Jan 2019 15:44
 Operator : SY/VA
 Sample : K1135-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-19(10-15)

Quant Time: Jan 14 21:44:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	49199	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	47313	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
50) Toluene-d8	10.32	98	201467	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	
62) 4-Bromofluorobenzene	12.62	95	76132	58.42	ug/l	0.00
Spiked Amount			Recovery	=	116.84%	

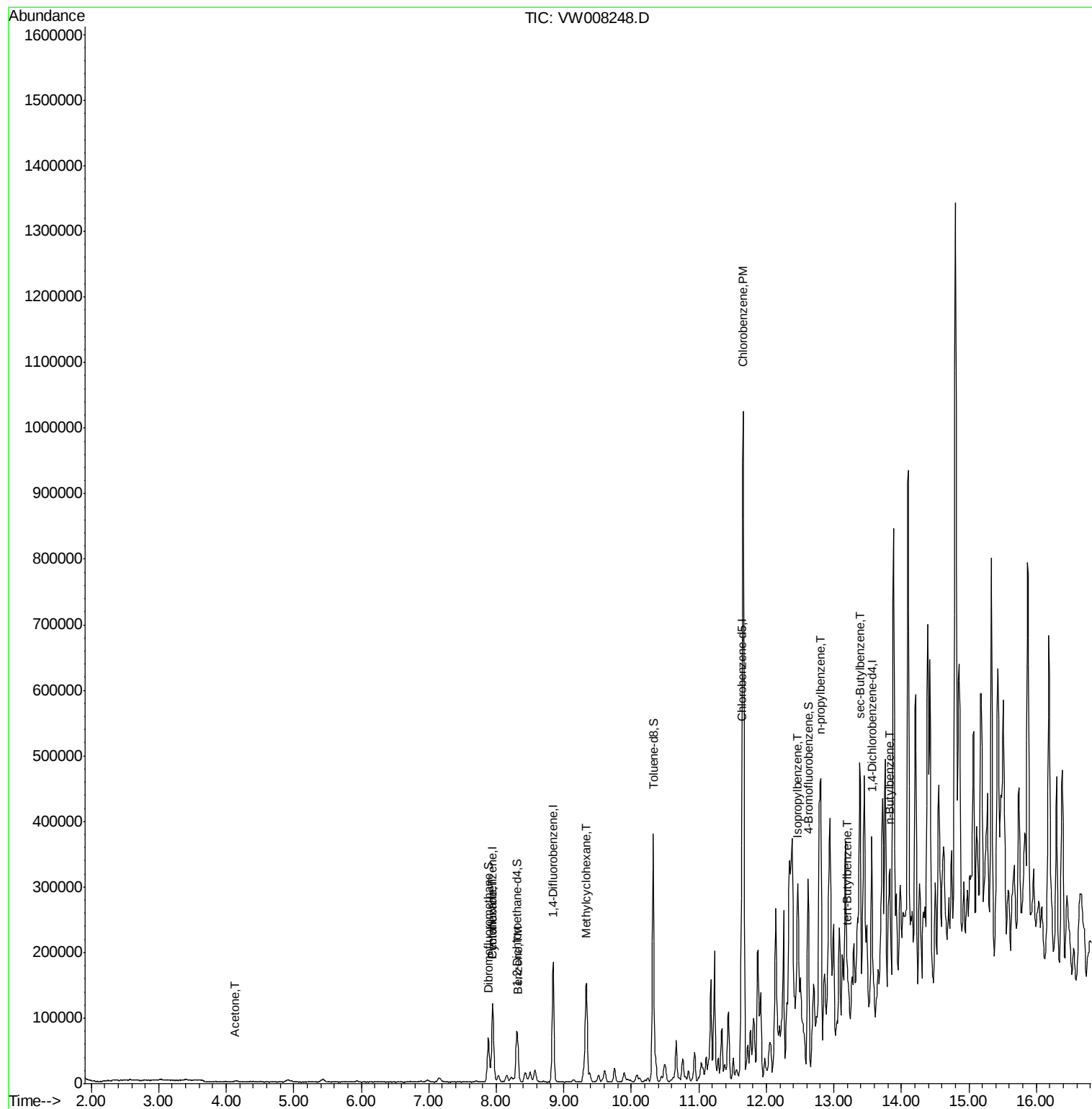
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4365	6.456	ug/l #	78
31) Cyclohexane	7.95	56	7112	3.766	ug/l #	77
39) Methylcyclohexane	9.34	83	60774	31.329	ug/l	98
40) Benzene	8.32	78	22415	5.402	ug/l	94
65) Chlorobenzene	11.66	112	527827	169.156	ug/l	99
73) Isopropylbenzene	12.47	105	137094	23.634	ug/l	99
78) n-propylbenzene	12.80	91	279989	39.394	ug/l	99
83) tert-Butylbenzene	13.21	119	10253	2.431	ug/l	89
85) sec-Butylbenzene	13.39	105	201851	32.676	ug/l	84
89) n-Butylbenzene	13.83	91	114866	21.986	ug/l #	84

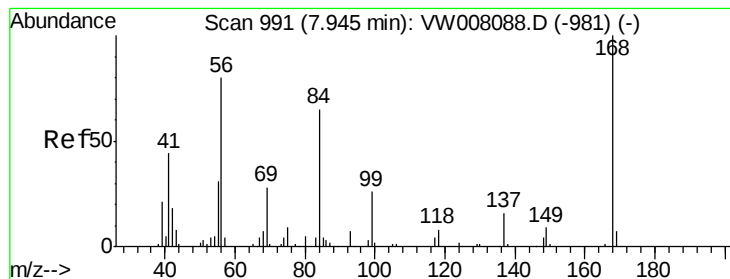
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CPSB-19(10-15)

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

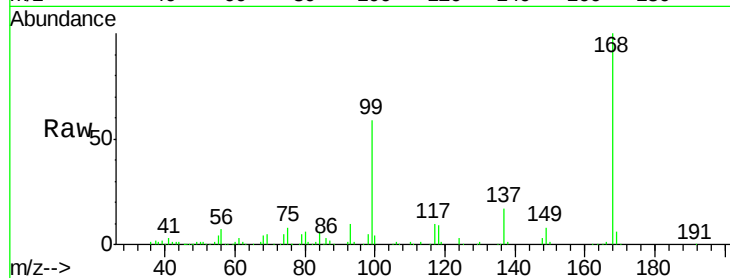
CPSB-19(10-15)

Tot Ion:168 Resp: 79848

Ion Ratio Lower Upper

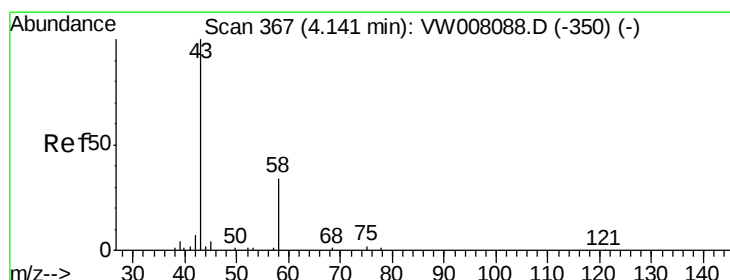
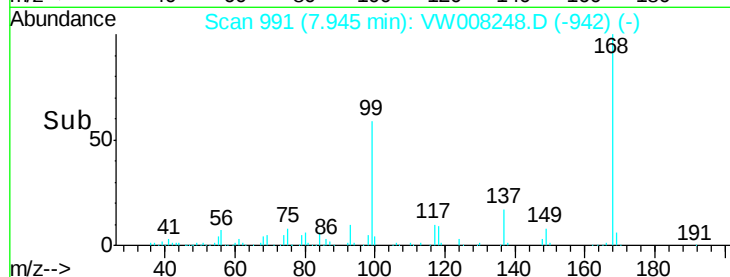
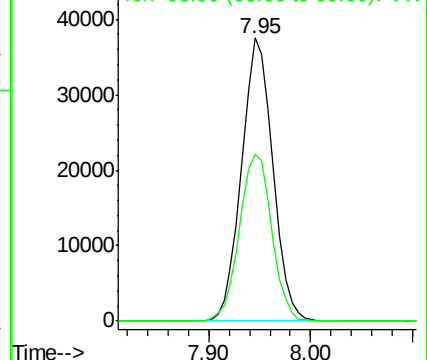
168 100

99 59.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 6.456 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008248.D

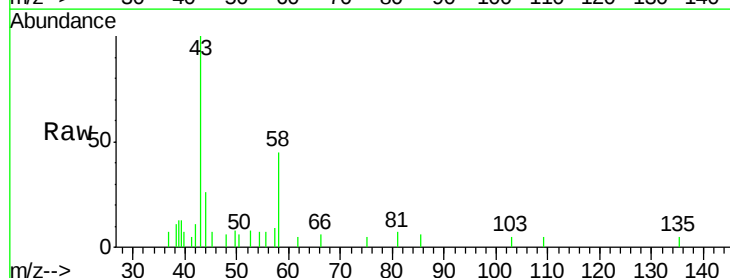
Acq: 14 Jan 2019 15:44

Tgt Ion: 43 Resp: 4365

Ion Ratio Lower Upper

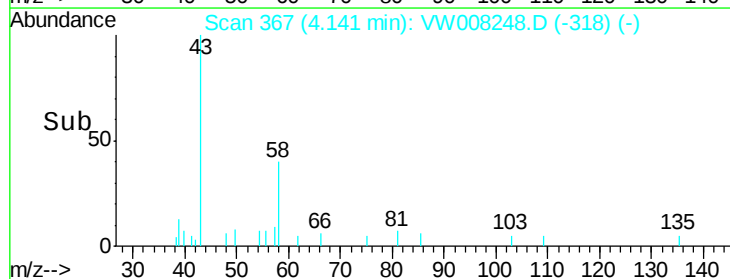
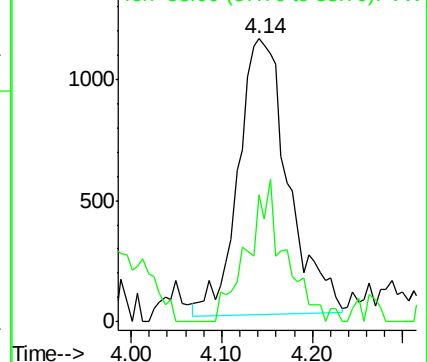
43 100

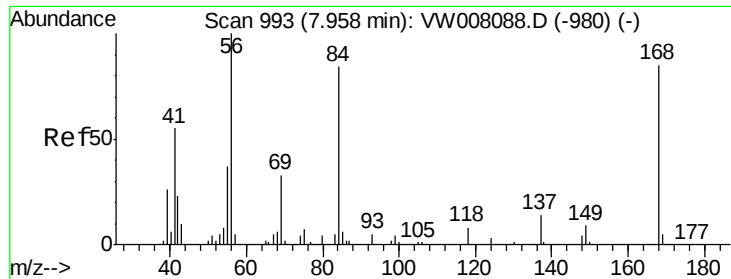
58 47.3 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

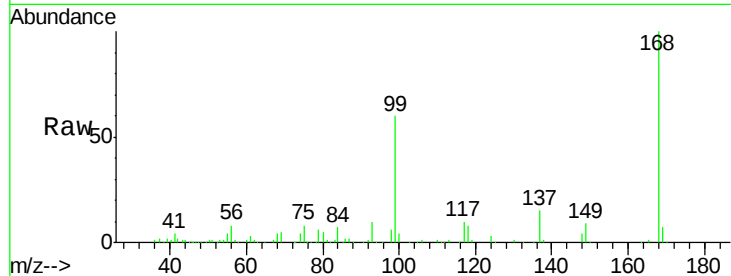




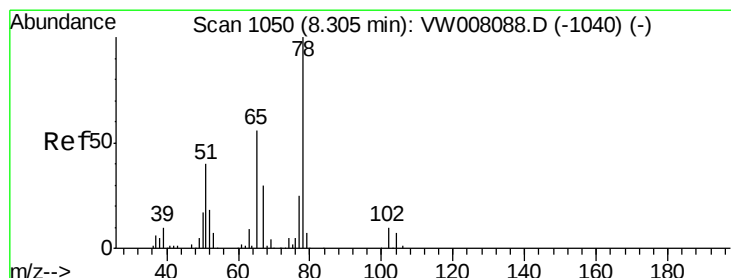
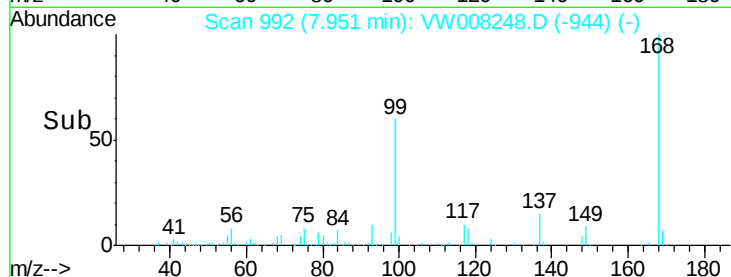
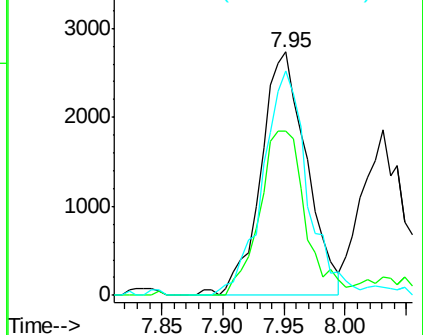
#31
Cyclohexane
Concen: 3.766 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

Tot Ion: 56 Resp: 7112
Ion Ratio Lower Upper
56 100
69 67.6 26.2 39.4#
84 92.0 67.4 101.2

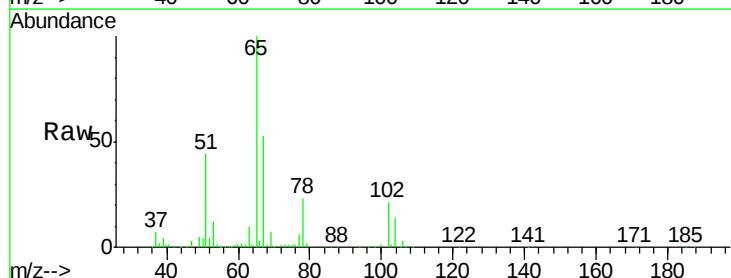


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

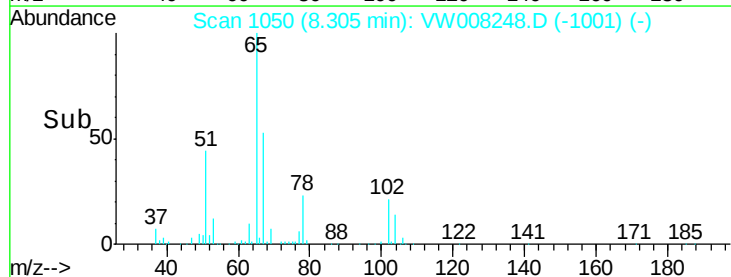
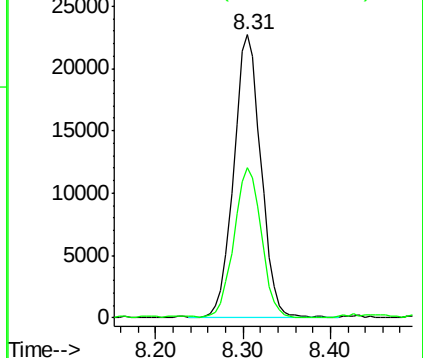


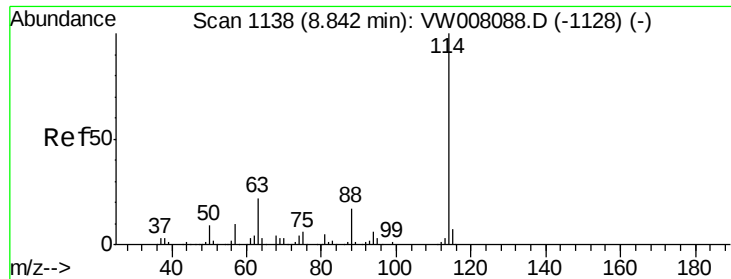
#33
1,2-Dichloroethane-d4
Concen: 54.823 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 65 Resp: 49199
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

CPSB-19(10-15)

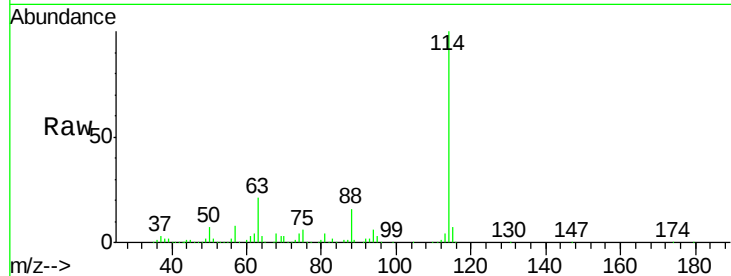
Tot Ion:114 Resp: 148520

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

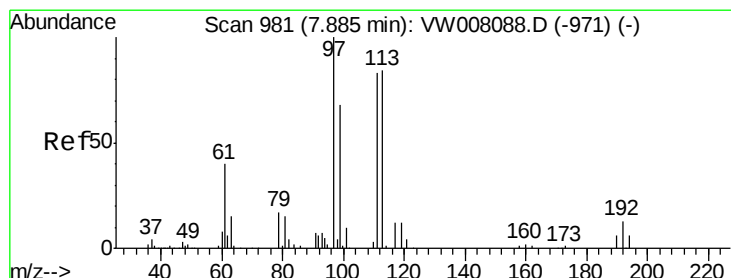
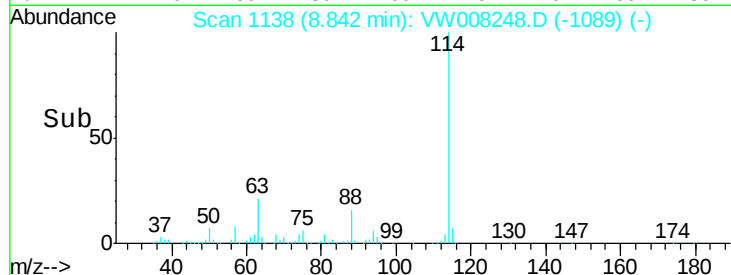
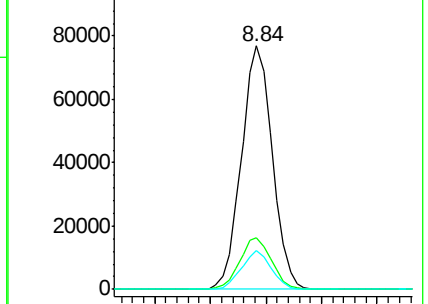
88 15.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.620 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

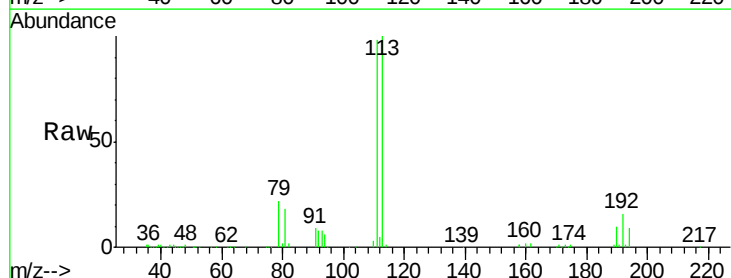
Tgt Ion:113 Resp: 47313

Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.8

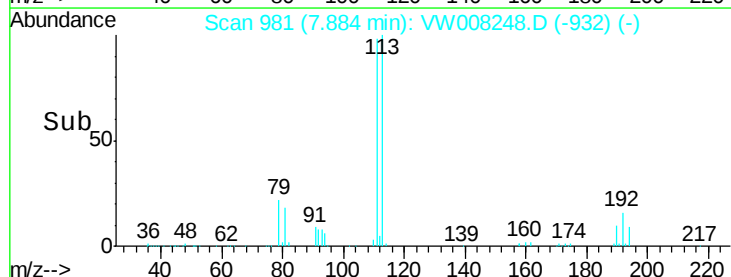
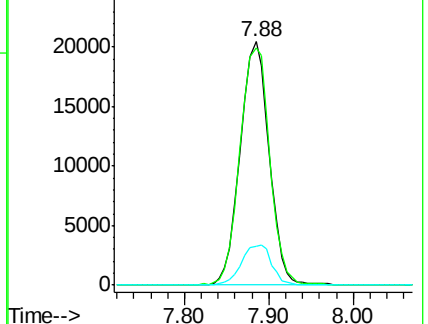
192 17.2 12.8 19.2

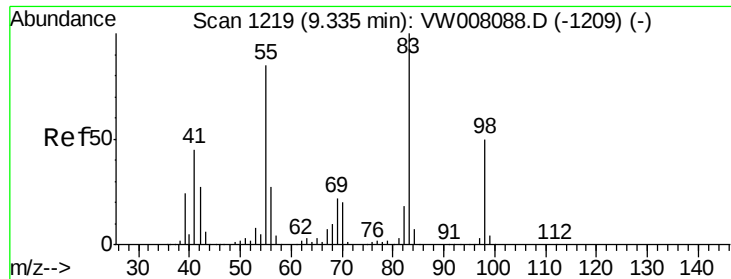


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

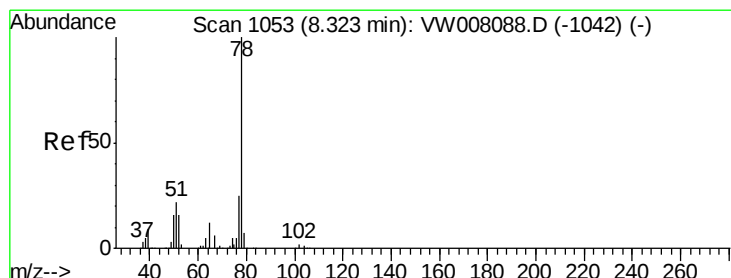
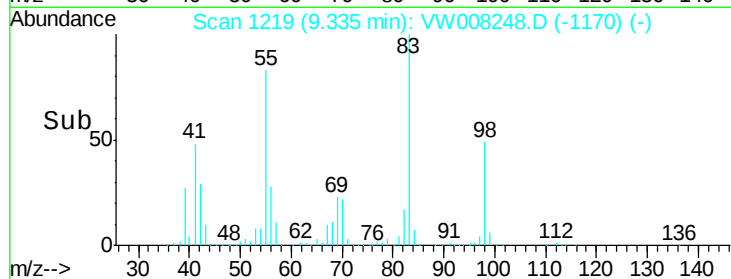
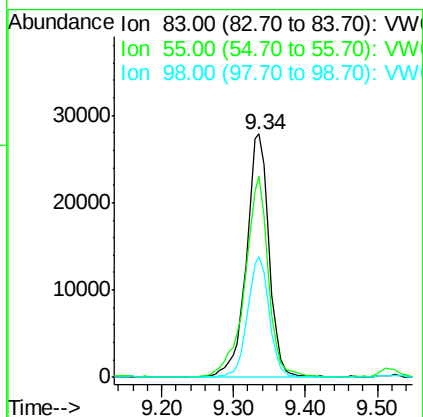
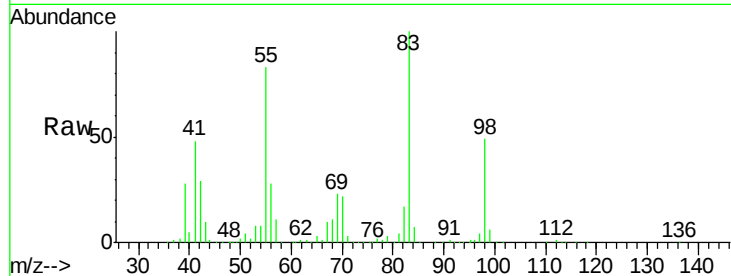




#39
Methvlcvclohexane
Concen: 31.329 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

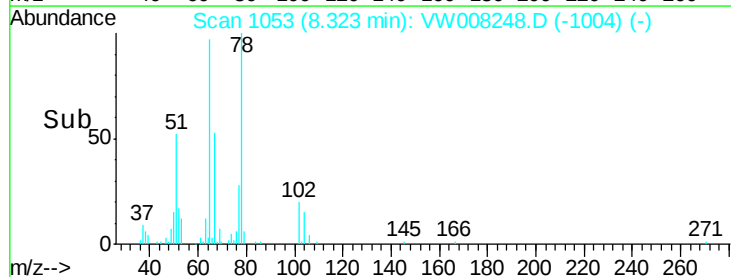
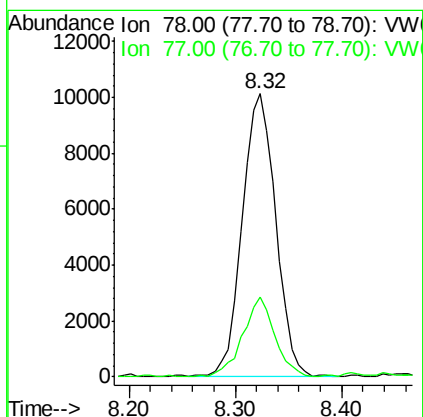
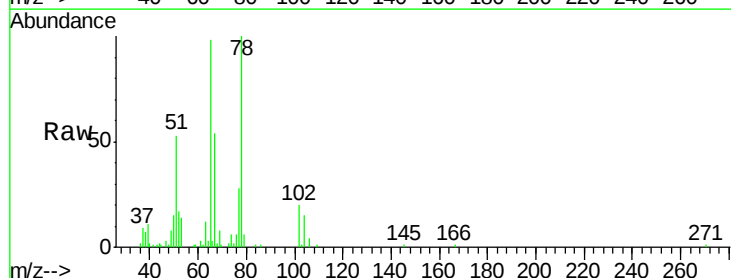
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

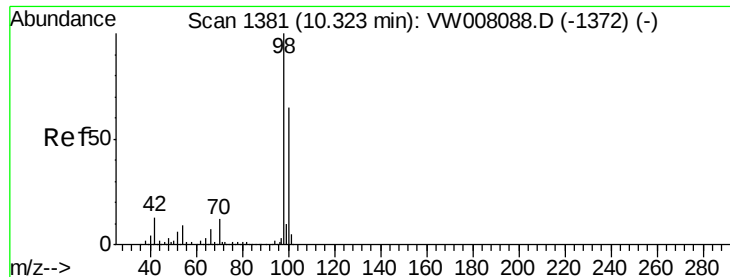
Tot Ion: 83 Resp: 60774
Ion Ratio Lower Upper
83 100
55 82.7 67.8 101.6
98 49.5 40.2 60.4



#40
Benzene
Concen: 5.402 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 78 Resp: 22415
Ion Ratio Lower Upper
78 100
77 28.3 20.2 30.4

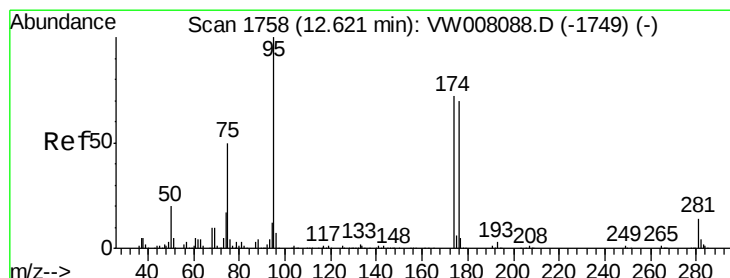
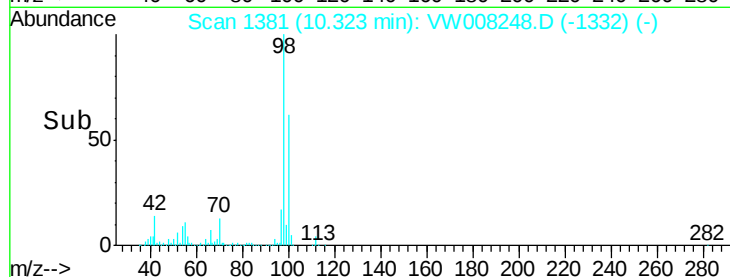
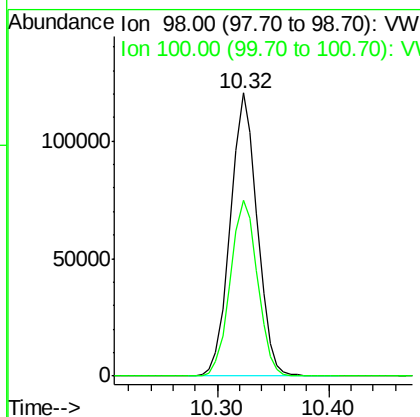
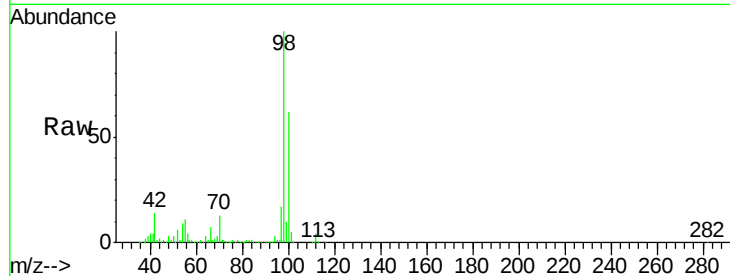




#50
Toluene-d8
Concen: 55.424 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

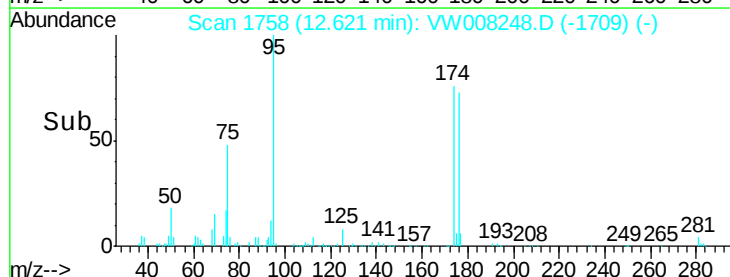
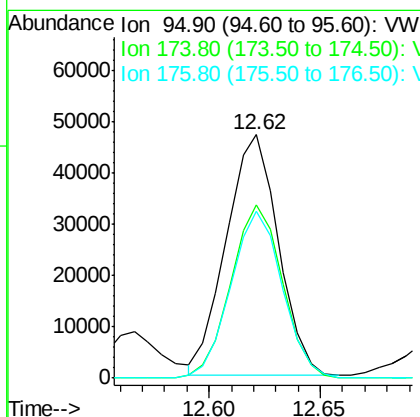
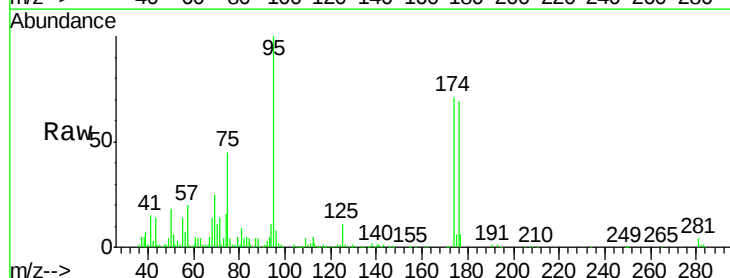
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

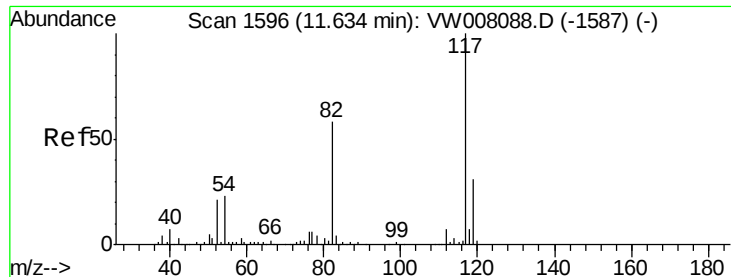
Tot Ion: 98 Resp: 201467
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 58.422 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 95 Resp: 76132
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.0
176 68.6 0.0 140.2

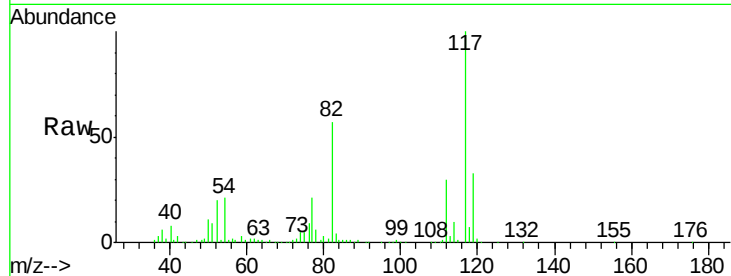




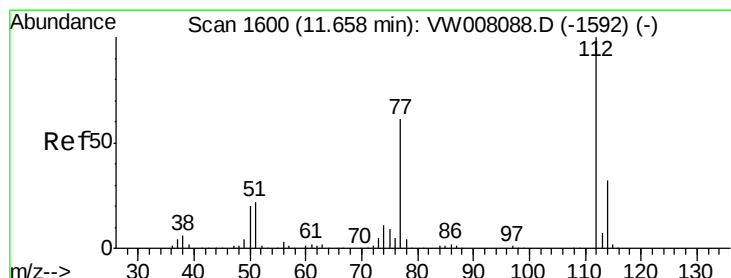
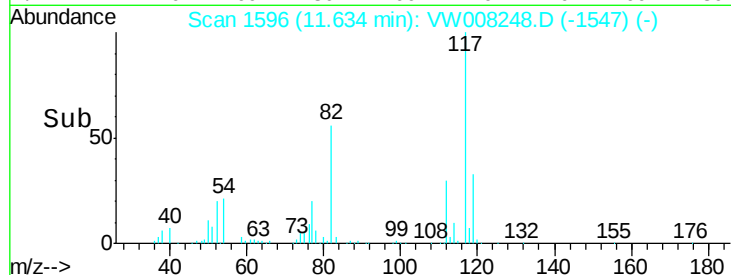
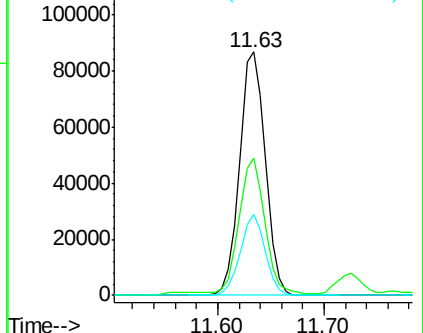
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

Tot Ion:117 Resp: 147286
Ion Ratio Lower Upper
117 100
82 55.2 46.4 69.6
119 33.1 24.7 37.1

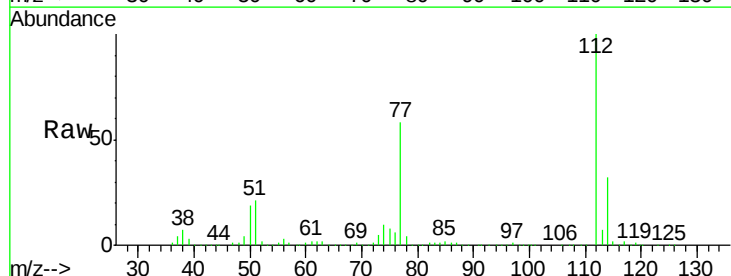


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

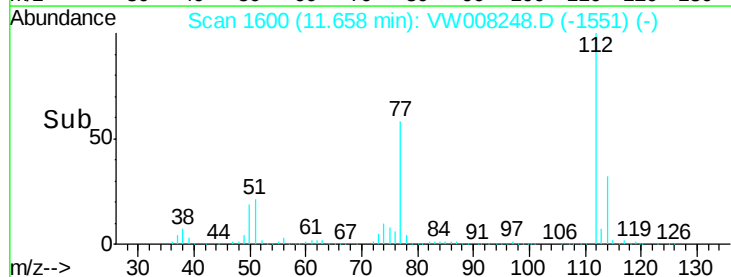
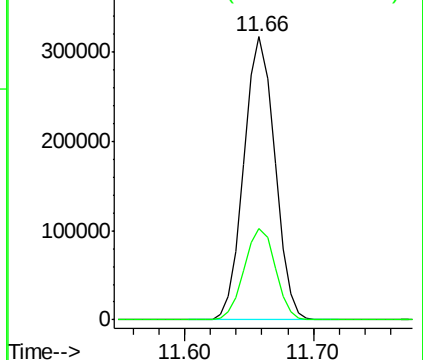


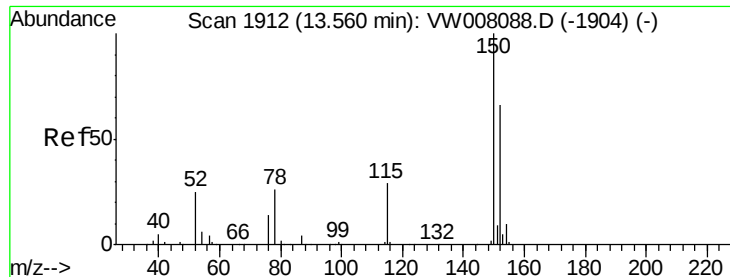
#65
Chlorobenzene
Concen: 169.156 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion:112 Resp: 527827
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



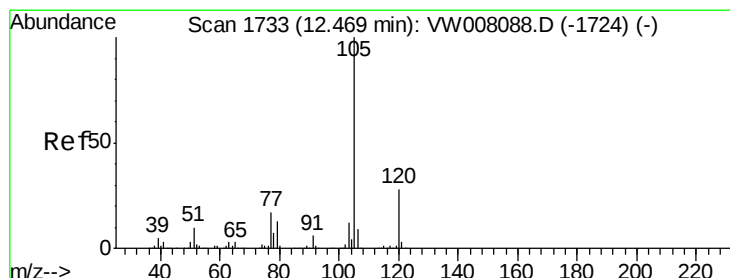
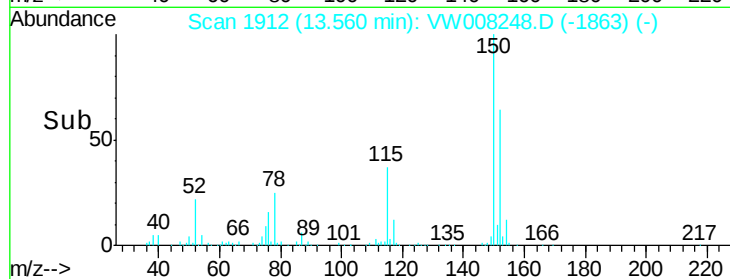
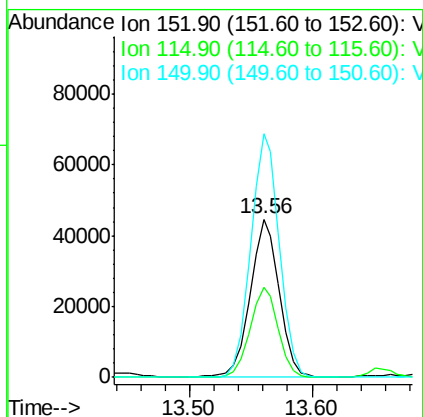
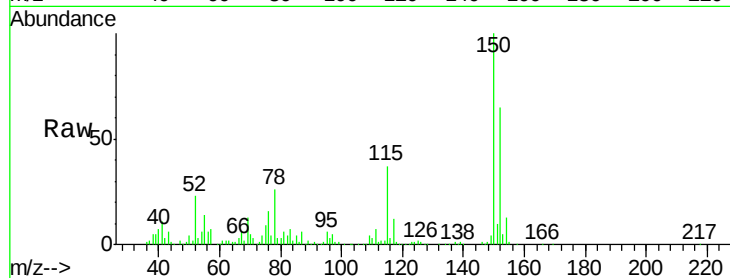


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Instrument :
MSVOA_W
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CPSB-19(10-15)

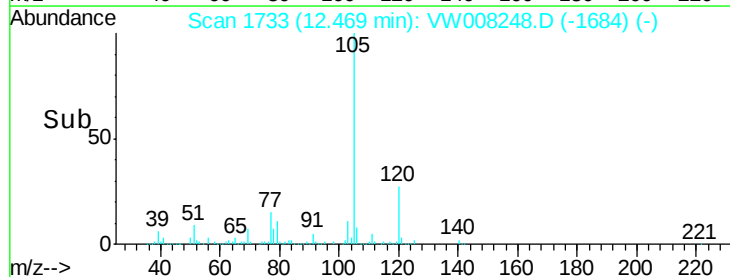
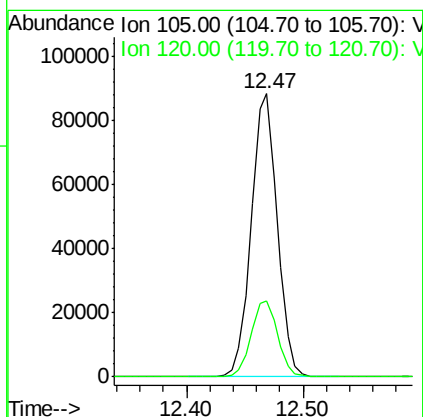
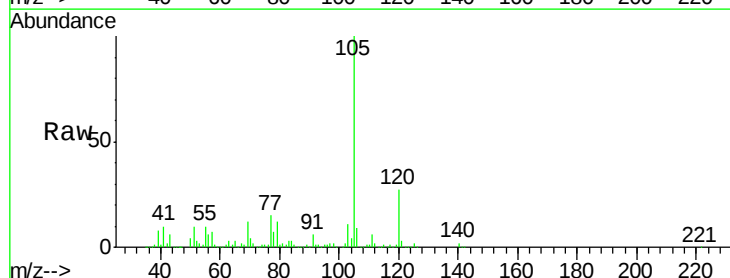
Tot Ion:152 Resp: 73885
Ion Ratio Lower Upper
152 100
115 55.5 30.8 92.4
150 150.5 0.0 350.2

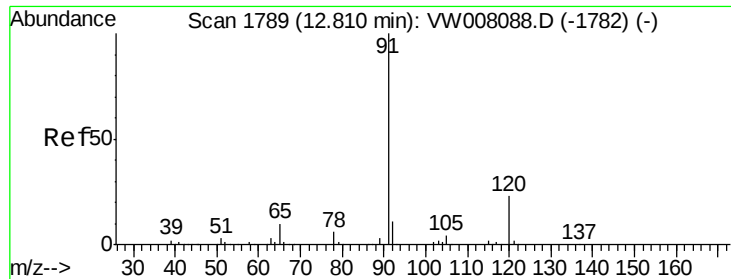


#73

Isopropylbenzene
Concen: 23.634 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion:105 Resp: 137094
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.8

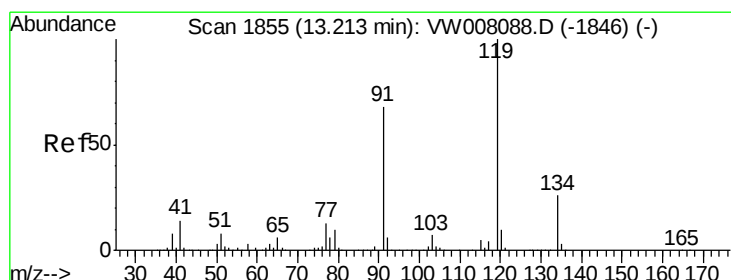
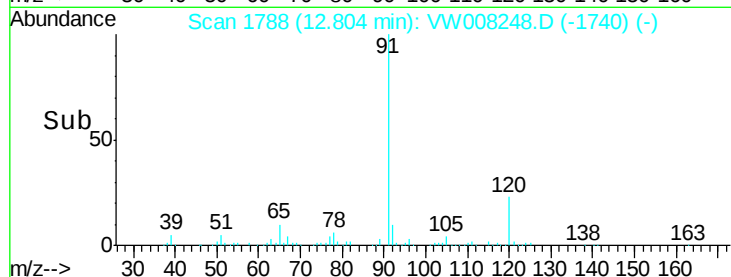
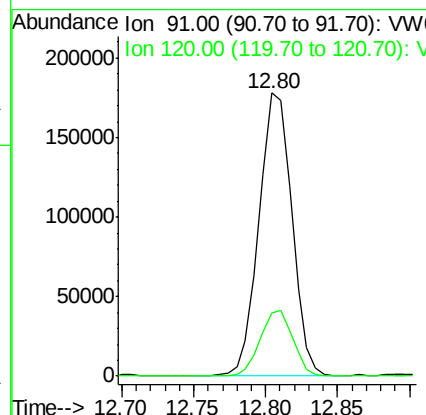
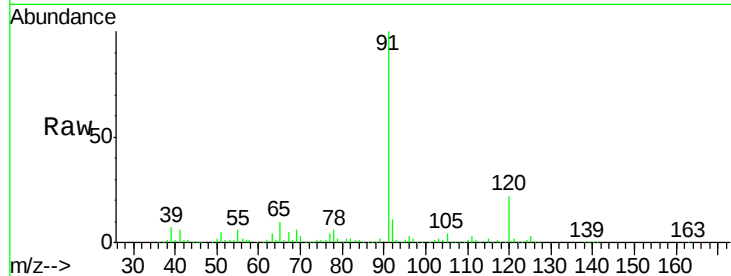




#78
n-propylbenzene
Concen: 39.394 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

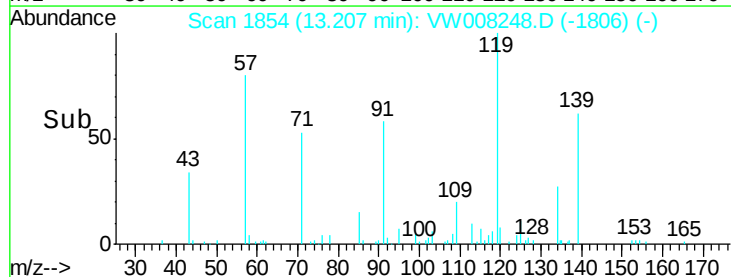
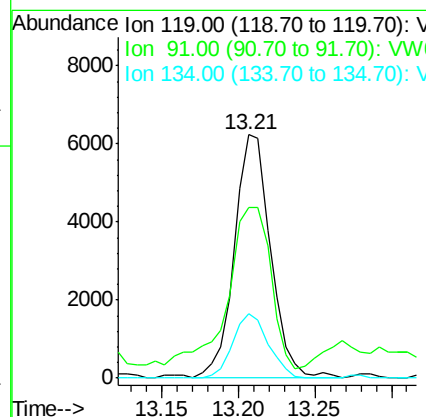
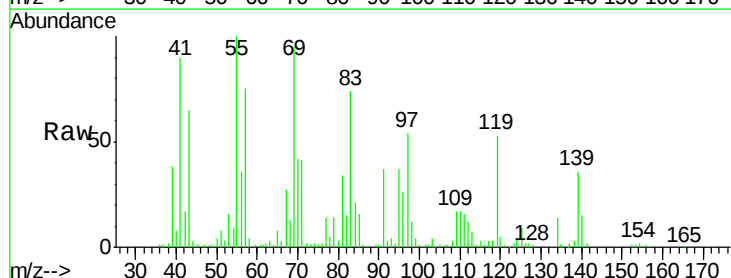
Instrument :
MSVOA_W
ClientSampleId :
CPSB-19(10-15)

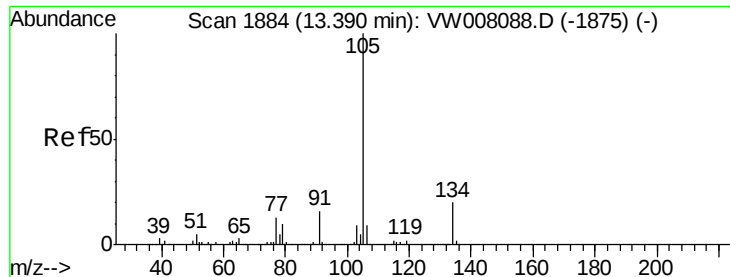
Tot Ion: 91 Resp: 279989
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.8



#83
tert-Butylbenzene
Concen: 2.431 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008248.D
Acq: 14 Jan 2019 15:44

Tgt Ion: 119 Resp: 10253
Ion Ratio Lower Upper
119 100
91 79.5 33.9 101.6
134 26.1 13.6 40.8





#85

sec-Butylbenzene

Concen: 32.676 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

Instrument :

MSVOA_W

ClientSampled :

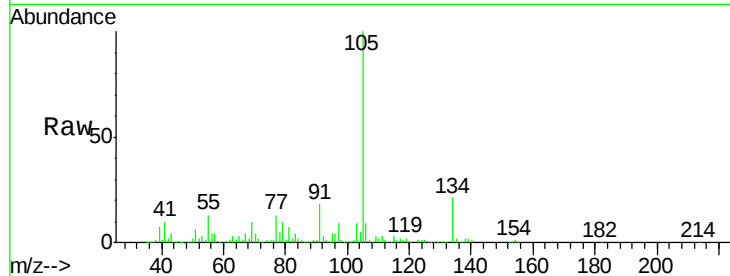
CPSB-19(10-15)

Tot Ion:105 Resp: 201851

Ion Ratio Lower Upper

105 100

134 27.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

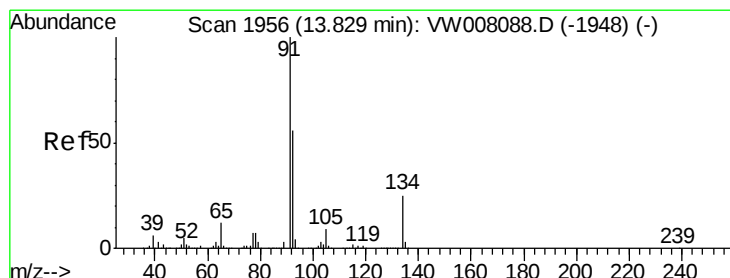
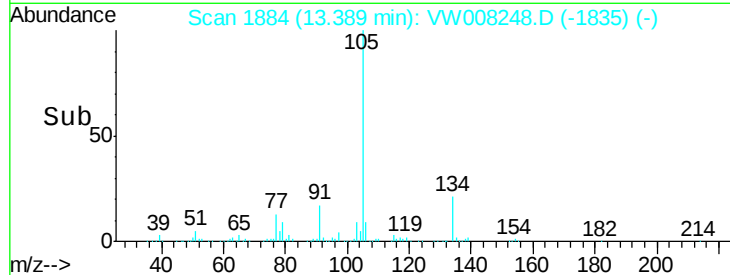
13.39

100000

50000

0

Time--> 13.30 13.35 13.40 13.45



#89

n-Butylbenzene

Concen: 21.986 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008248.D

Acq: 14 Jan 2019 15:44

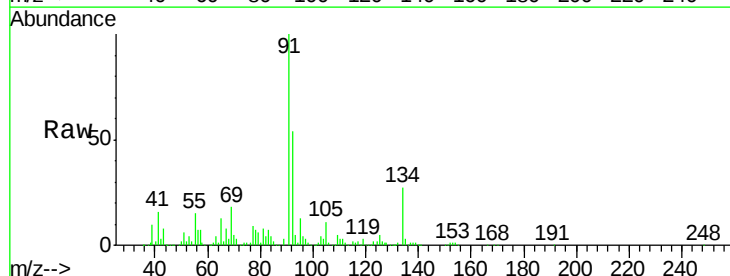
Tgt Ion: 91 Resp: 114866

Ion Ratio Lower Upper

91 100

92 49.2 27.4 82.2

134 42.6 12.6 37.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

13.83

80000

60000

40000

20000

0

Time--> 13.75 13.80 13.85

